

ABSTRACT OF THE DISCLOSURE

METHOD AND SYSTEM FOR RETAINING FORMAL DATA MODEL DESCRIPTIONS BETWEEN SERVER-SIDE AND BROWSER-SIDE

5 JAVASCRIPT OBJECTS

A server method for converting objects of a first type into objects of a second type, the method comprising: a) identifying one or more object classes of the first type; b) determining instance data based on the classes of the first type; c) introspecting each class of the first type; d) creating an artifact representing
10 a software model; and e) generating one or more converters, each converter being based on the artifact and is configured for receiving the instance data and generating JavaScript code for recreating the instance from the classes as objects of the second type, for display on a browser.

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